

April 1988

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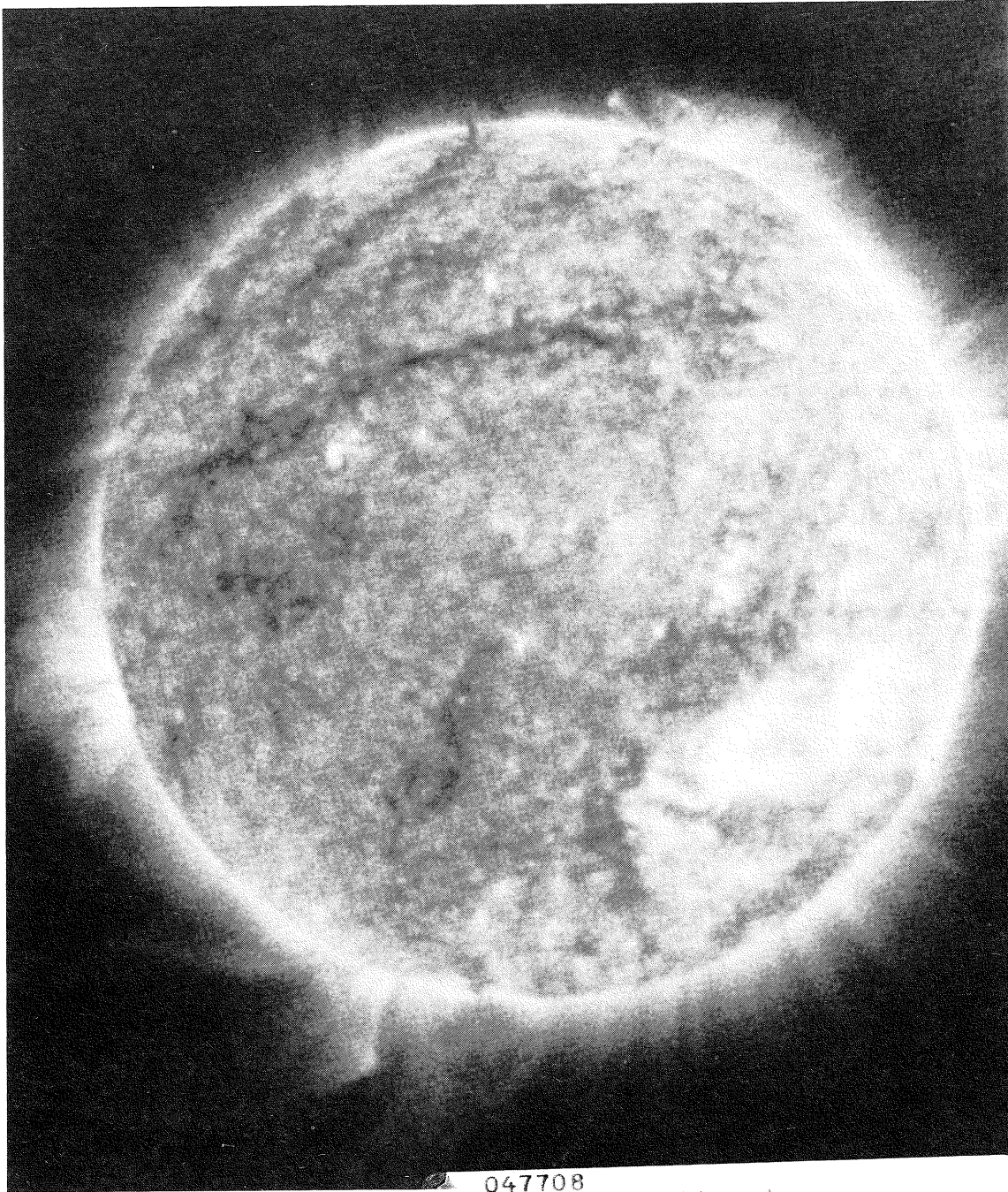
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SCI-TECH NEWS

The Official Bulletin for the Aerospace, Engineering, Natural Resources, Nuclear Science, and Science & Technology Divisions of the Special Libraries Association.

Volume 42, Number 2

April 1988



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Jennifer L Edwards
Nat Hist Mus Los Angeles Cn
Los Libr
900 Exposition Blvd
Los Angeles CA 90007

SCI-TECH NEWS

Sci-Tech News will accept a limited number of research reports and papers of interest to science and technology oriented special librarians. In general, unsolicited manuscripts should not exceed 1600 words, although manuscripts longer than 1600 words will be considered. Unsolicited manuscripts should not have been previously published. They should be submitted in duplicate, including footnotes, and an abstract of 100 words or less. Each will be reviewed by at least two persons. The first page of the manuscript should carry the author's complete name and the institution with which the author is affiliated. Unsolicited manuscripts will be acknowledged, but will not be returned unless accompanied by a self-addressed envelope with sufficient postage.

Issue deadlines: December 1, (January); March 1, (April); July 1, (August); and September 1, (October)

Editorial Staff

Editor

Robert M. Ballard
School of Library and Information Science
North Carolina Central University
Durham, NC 27707
(919) 683-6389

Associate Editor

Cam V. Morrison
Medical Center Library
Duke University
Durham, NC 27710
(919) 684-2011

Advertising Manager

Paul N. Morton
Southern California Edison Co.
Corporate Library, G55 G01
P.O. Box 800
Rosemead, CA 91770
(818) 302-2096

Business Manager

Virginia A. Ford
The Aerospace Corporation
P.O. Box 92957, M1-199
Los Angeles, CA 90099-2957
(213) 336-5629

Subscriptions Manager

Maggie Morton
855 Filbert Place
Brea, CA 92621
(714) 529-4837

Book Review Editor

Ron Buchan
NASA Scientific and Technical
Information Facility
P.O. Box 8757
BWI, Airport, Md. 21240
(301) 859-5300 Ex. 103

Serials Editor

Carmela Carbone and
Marianne Schenk
Engineering Societies Library
345 East 47th Street
New York, NY 10017
(212) 705-7610

Aerospace Division Bulletin Editor

Betty B. Tyson
Lockheed Missiles and Space Co., Inc.
Sunnyvale, CA 94088
(408) 742-5937

Engineering Division Bulletin Editor

Gina Latas
Hart Crowser, Inc.
1910 Fairview Ave., East
Seattle, WA 98102
(206) 324-9530

Natural Resources Division Editor

Sue Terry
World Resources Institute
1735 New York Ave., N.W.
Washington, D.C. 20006
(202) 638-6300

Nuclear Science Division Bulletin Editor

Sandra R. Love, L389
Lawrence Livermore National Laboratory
P.O. Box 808
Livermore, CA 94550
(415) 422-7310

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Editor

Robert M. Ballard
North Carolina Central
University

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Virginia Ford
Aerospace Corp.

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Paul N. Morton
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DEPARTMENTS

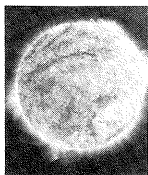
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An x-ray image of the sun obtained with a multilayer rocketborne telescope showing the sun at a temperature of 1 million degrees. Photo courtesy NASA Wallops.

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From the Editor

In this our pre-conference issue, we are pleased to have a feature on Denver, the conference city which was prepared by the host Rocky Mountain Chapter and submitted by Joan Deegan. I wish to thank the editorial staff and all of our contributors for their tireless efforts during the 1987-88 conference year. Mrs. Margaret S. Brill has accepted a new and more demanding position and is stepping down from the position of Associate Editor. Margaret served us well and we extend our best wishes to her.

Mrs. Cam V. Morrison is our new Associate Editor. Beginning with our August issue, she will also serve as Division Editor for the Science and Technology Division. Effective immediately, all materials and correspondence for that Division should be sent directly to Cam. Her address and telephone number have been printed on the last page of this issue. In addition to serving as Editor for the Science and Technology Division, Cam will have the primary responsibility for soliciting feature articles for publication. Do not forget that we are indexed by *Library and Information Science Abstracts*. If you have done, or you are doing research that you are willing to share with others, your citation will receive notation in the literature of the field.

Cam earned the M.L.S. degree at the School of Library and Information Science of North Carolina Central University. She is currently employed by the Duke University Medical Center Library. We welcome Mrs. Cam V. Morrison to the *Sci-Tech News* Managerial team.

Robert M. Ballard
Editor

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Cam V. Morrison

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Denver — An Introduction

There is a widespread assumption, undoubtedly fueled by football telecasts during early season snowstorms, that Denver is both in the mountains and snowbound for an unremitting six months. Denver is a mile high, but sits on a high plain against the spectacular backdrop of the Rockies' front range. Most of the snow falls in the mountains, maintaining Colorado's unsurpassed reputation for winter sports.

In stark contrast with the geologic eons of mountain-building, Denver itself is only 130 years old. Settled after the discovery of placer gold in 1858, Denver was soon eclipsed by the boom towns growing up in the mountains where the real riches lay. In 1870, however, a hard-won transcontinental rail link shaped the city not as a mining town, but as a center of finance, culture and distribution for the mountains and the plains. Denver's ascendance during the boom years of the 1870's and 1880's is evidenced several blocks from the Conference hotels at Larimer Square, a restored and revitalized late-Victorian commercial block. Gone were the false-fronted frame livery stables, saloons and general stores of the Old West. Instead, the street was soon lined with two and three story brick buildings with cast iron facades, elaborate cornices and large display windows, all brought in by the railroad. Denver had electricity in the 1880's, but the legislators moving into the new capitol in 1894 insisted on gas lighting "just in case."

At the same time, the city was expanding to the southeast where mining, ranching, real estate and banking wealth built homes earning Denver the title "City of Mansions." That boom, fueled by the riches of the mountains and plains, preceded a bust which from 1893 to the turn of the century brought the economy to a standstill. Denver's recovery was based in a more diversified economy.

Denver today may surprise you if you were last here for the Conference a decade ago. An energy industry boom spurred the transformation of a downtown already bulldozed by urban renewal. Practically overnight, we awoke to a skyline of cranes atop thirty and forty story

glass and steel towers. Sixteenth Street was redesigned as a mile-long pedestrian mall with free shuttle buses departing every few minutes. The Tabor Center brought the idea of a festival marketplace to the mall, and the picturesque Tivoli Brewery opened with shops, restaurants and cinemas. The recent energy slump has resulted in a high office vacancy rate, yet it has also brought time for preservationists and planners to look toward downtown Denver's future. The revitalization of lower downtown's blocks of fine, late-Victorian commercial buildings and the incorporation of Cherry Creek as a scenic amenity are getting underway. A new convention center is on the drawing boards.

After a fifteen minute, nine dollar cab ride from Stapleton Airport east of downtown, you will find downtown Denver to be pedestrian-friendly. The Conference hotels are only a few blocks from the exhibit areas at Currihan Hall. Denver's humidity is negligible; the sunshine abundant; and the evenings comfortable with a sweater or light jacket. At this time, the Rocky Mountain Chapter is putting its restaurant recommendations to the test. Come to Denver early and stay on to see Colorado. The high country is glorious in June and best of all, you can have a complete change of scenery just minutes west of Denver. Consider half-day trips to Central City or Georgetown, restored Victorian mining towns, or a day trip through Rocky Mountain National Park along Trail Ridge Road. If you have more time, set out for Aspen, explore Anasazi ruins at Mesa Verde or ride the Durango to Silverton narrow gauge railway. There's history, scenery and invigorating opportunity awaiting you in Denver and in Colorado.

**Rocky Mountain Chapter, SLA
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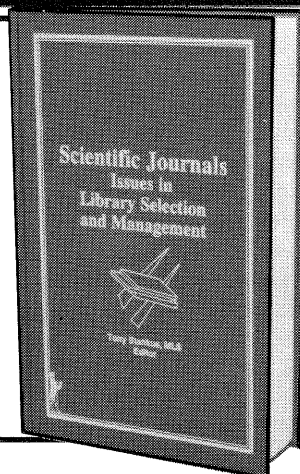
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Doris Bolef, Book Review Editor
Bulletin of the Medical Library Association
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In the first book of this kind, library professionals knowledgeably discuss the major issues involved in the collection of scientific journals. Science librarians, serials librarians, and acquisitions librarians—faced with the difficult task of selecting and de-selecting expensive scientific journals in the face of enormous faculty and budgetary pressures—need this valuable volume that focuses on the collection management process, including dealing with demands made by faculty members. Tony Stankus, a nationally published specialist in the field, working from the premise that scientists tend to know much more about their subject than about their journals, argues that if they are willing to examine the literature, librarians can learn to anticipate, teach, and control faculty demands for periodicals. He examines the rationale for journal choices, journals and tenure, journals and budgeting, and the elements of a good journal, and he shows librarians how to penetrate the internal structure of some imposing technical literatures in a way that can help them make responsible collection management decisions that even their science clientele will respect.

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AEROSPACE DIVISION

The objectives of the Aerospace Division are to encourage the free exchange of ideas and information between libraries and librarians who are directly concerned with aerospace technology and related sciences; and to maintain a dialog with NASA and other governmental agencies upon whom we rely as sources of technical data and bibliographic sources.

From the Chair

Dawn Villere, Chair-Elect, and I represented the Aerospace Division at the SLA Winter Conference, January 27-29, Williamsburg, Virginia. Those in attendance included SLA Board members, Divisional and Chapter Cabinet members, many SLA Committee members, association staff members, and the Virginia chapter. The winter meeting is a time for association business and the annual conference planning is also a major topic. Denver conference plans are finalized here and pre-planning for the New York 1989 meeting also got underway.

By now, you are making your plans to attend the annual SLA meeting in Denver. Here is a quick review of our part of the conference:

Monday, June 13, 10:30-12:30 "How to get it—a guide to acquiring government publications"

Tuesday, June 14, 10:30-12:00 "International Defense Information II—Sources of information for the Department of Defense and aerospace"

Tuesday, June 14, 12:00-2:00 Aerospace Division lunch and business meeting

Tuesday, June 14, 2:00-5:00 "Expert systems in libraries"

Wednesday, June 15, 3:00-4:30 "Powerful job descriptions: the Hay plan and information services"

Thursday, June 16, 8:00-3:00 Field trip to Air Force Academy and lunch at Broadmoor

Open houses in our division suite will be handled by Ellie Reiter. The sponsors of our suite are Mead Data Central, AIAA, and IHS. The hours will be 8:00-11:00 p.m. on Sunday, Monday, and Tuesday. The location will be the Marriott.

By the time you read this column, the election of new officers for our division will be complete.

Many thanks go to this year's Nominating Committee Chair Sandy Moltz and her committee members Lorraine Bick-Gregoire and Ralph Lewis for their efforts to organize this election.

The *Criss-Cross Directory of NASA-DoD "N" and "AD" Numbers 1979* — is now available for sale at \$55.00 per set. This two volume set, which was described fully in the October issue of this column, has been updated and expanded from the first volume. Make your checks payable to SLA—Aerospace Division and send them to:

George Mandel, Chief
NASA Technical Information Service Div.
21000 Brookpark Road
Cleveland, OH 44135

It hardly seems possible that this will be my last Sci-Tech News column as Chair of our Division. The next report you read in this column will be from Dawn Villere, ITT Giffillan Inc., our 1988-89 Division Chair. I am looking forward to seeing all of you in Denver.

Veronica Hsu
Chair

Aerospace Division Celebrates 25th Anniversary

January 15, 1988

Veronica Hsu
RCA/Automated Systems
P.O. Box 588
Burlington, MA 01803

Dear Veronica:

On behalf of the Special Libraries Association and its Board of Directors, I would like to congratulate the Aerospace Division as we begin this year of your 25th Anniversary. Your division has made many contributions and provided the excellence of leadership which has helped make the Association a very viable and

visible part of the information community.

May the Aerospace Division have continued success and celebrate many more anniversaries.

With best wishes,

Emily R. Mobley
President

SLA Expresses Concern over Changes in Federal Librarians' Register

Washington, D.C., February 18, 1988 — The Board of Directors of the Special Libraries Association (SLA) recently passed a resolution requesting that the appropriate Congressional committees examine changes made to the Federal Librarians' Register by the Office of Per-

sonnel Management (OPM) and instituted in November 1987.

SLA's resolution states that the new procedures that decentralize the register will "lessen the pool of qualified applicants and lead to confusion."

"OPM made these sweeping changes to the Register without input from the library community," said David R. Bender, SLA Executive Director. "There is nothing in the new arrangement that leads us to believe that this procedure will be any more efficient than previous, unsuccessful attempts to change the Register."

The statement from SLA concluded that, "The Special Libraries Association is opposed to further decentralization by OPM in its employment practices without consultation with the library community."

Copies of SLA's resolution on the Federal Librarian's Register are available by contacting Sandy Morton, Director of Government Relations and Fund Development, SLA, 1700 18th Street, NW, Washington, D.C. 20009 or by calling (202) 234-4700.

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ENGINEERING DIVISION

The objectives of the Engineering Division are to provide an association for those having an interest in library and information science as they apply to engineering and the physical sciences and to promote the use of materials and knowledge for the benefit of libraries and other educational organizations.



Sophia Smith
Chair

Swan Song ...

I've truly enjoyed my experience as Division Chair, and I want to thank all our Officers and Committees for their contributions towards another successful year for the Division. I encourage you all to take an active role in your Division — there are many opportunities, and these positions vary in degrees of involvement — feel free to get first-hand information from the current Officers. My own firm has been greatly supportive of my SLA involvement, and you may find that employer support awaits your commitment. *Your* participation ensures the continued success of our Division.

Funny how time flies, when you're having a good time — I can't believe this is my final column! Since this is my last opportunity to "rally the troops" for the Denver Conference, I'd like to leave you with a compact listing of all the Engineering Division sponsored Programs — but first let me highlight several of these events.

The Monday afternoon session, "Energy and the Environment," features nationally known speakers on a topic important to us all, both as citizens and information professionals. Plan to stop by the speakers reception following the session as well — it will be an opportunity to meet the speakers, mingle with peers and relax.

Don't miss Engineering Division's 20th *Anniversary Celebration!* The Tuesday evening festivities will include desserts, drinks and entertainment. Many thanks to both Engineering Information and Mead Data Central, whose

generous support makes this event possible.

Note that we are co-sponsoring two separate Field Trips on Thursday. There is an all-day scenic tour: "The Mining Era in Colorado"; as well as short tours (repeated throughout the day for flexibility) to "Information Handling Services," standards/specifications vendors.

Please do support the Engineering Division programs at the Conference by attending as many as possible. Be sure to consult the *Final Conference Program* for locations of events, noting the index to Division Programs. Attendees are encouraged to report on events for *Sci-Tech News* — photographs and articles alike are welcome! I'm looking forward to meeting many of you in Denver.

Sophia Smith
Chairman, Engineering Division

Message from Engineering Division's Chair-elect:

New York and all its excitement is beckoning. Of course, the participants of SLA 80th annual conference will import some of their own excitement in 1989! The theme of the 80th annual conference is "User and information dynamics: managing change."

At the SLA Winter Meeting held January 27-30 at the Royce Hotel in Williamsburg, VA we chair-elects began our task of putting substance to the 80th annual conference's theme. One program will treat how current undergraduate disciplines (i.e. engineering) are being trained in the use of information resources. We are also wanting to take a glimpse into the future: what will be the future skills taught the users. Considering the aspect of change, we also intend to address the topic of how our older patrons are dealing with the new technologies. This has relevance in light of various online vendors marketring directly to the end-user. We hope to have a professor and the librarian from an engineering school plus the president from a professional association address these topics. Both the

Education and the Metals/Materials Division will be working with me on this program.

There are several other topics that would be of interest to our division members. Some are different perspectives on the Denver conference programs, i.e. downsizing of companies, the role of liability in the hazardous waste business. One of the new topics promoted by the Transportation chair-elect is the role of engineering drawings in the scheme of records management function.

On the lighter side, I will be working with staff from Engineering Information, Inc., IEEE, and ASCE to plan an outing. One of the spots we may visit is South Street Seaport. Watch the bulletin for future developments.

Would it be a well-rounded conference without a Standards Roundtable? What a lively discussion we could have with representation from all the local vendors! Let's see what Pat Ricci will have for us.

Last but not least I want to leave adequate time for our division members to spend time in the exhibit halls. Visiting the various exhibits is in itself a very valuable learning experience.

All division members are encouraged to call or write. Any questions, comments, or suggested speakers for the above very preliminary ideas will be graciously received.

Carol Ann Irons
Engineering Division, Chair-elect

Therapy for Fast Laners — Seattle's Engineering Librarians

Life in the fast lane of the information give-and-take in an engineering firm requires a certain amount of therapy. Some of us technical librarians in the Seattle area find the most effective therapy is x-c skiing and backpacking; what also works is getting together with fellow information specialists and talking "engineering information-speak". The Seattle Area Engineering librarians is an informal local group which provides an opportunity for the latter. Our first meeting, as I recall, was hosted in the 1968 by Barbara Russo, (then) University of Washington Engineering Librarian, at the University's Faculty Club. Typically, over the years, meetings are hosted weekdays at a brown bag 11:30 - 1:00 lunch in one of our member's corporate conference rooms. Seattle Public Library's Sci-Tech librarians have hosted at times; and libraries like the Corps of Engineers, Puget Power, and NOAA are also very active, as well as many of our local engineering firms.

There is no chairperson, no treasury, no minutes, no speakers, and no formal exact name (my son says it is the perfect anarchist group). We have only a person who is in charge of the mailing list (which numbers 57 at present), and sends out announcements when someone volunteers to host a meeting. Sometimes we meet monthly for a long time; sometimes meetings die out for a year, only to revive again.

The agenda, if any, is usually provided by our hosting member. There are lively discussions with everyone participating — these tend to be informal, with the occasional formal presentation. There is always lots to share: union lists of standards; successful automation/conversions; budgets; new developments in computer software; networking; CD-ROM; causes to support (like fighting the privatization of NTIS); new firms to visit; new equipment or techniques to see; new resources to hear about, new ways to use old resources; job opportunities; and new people and firms to welcome and help.

Just knowing each other, of course is a powerful tool in promoting resource and information sharing. The president of my own firm has always been supportive of this type of networking and respects the ability and need of librarians to interact with other competitors, just as he does with his engineering colleagues in other firms.

Since our organization is so informal, we can afford to be a little subversive. One of our interesting exercises is an informal salary survey. We ask everyone who wishes to participate to write down on a slip of paper: (1) years of experience and (2) salary. Then someone tabulates the data for an average, lists the salaries in sequential order, and photocopies the results. We now have an instant survey to take back and use in salary negotiations.

One reason this group can be informal is that the Pacific Northwest Chapter of SLA meets often, is highly successful, and provides a more formal structure with all the amenities of membership directories and excellent meetings. The Engineering Division of SLA, of course, provides the means to communicate with colleagues on a broader basis, such as through this Bulletin and at our Division's Conference activities. A number of us are looking forward to the Denver Conference in June. We hope to see you there.

Jean Boucher
Information Resources Specialist
Shannon and Wilson Inc.
Geotechnical Consultants
Seattle, Washington
February 25, 1988

Special Libraries Association 79th Annual Conference

DENVER, COLORADO
June 11 - 16, 1988

Engineering Division PROGRAM SCHEDULE

Sunday, June 12

12 noon - 1:30 p.m. — Executive Board Meeting

Monday, June 13

7:30 a.m. - 9:00 a.m. — Breakfast and Business Meeting

1:00 p.m. - 4:00 p.m. — Program: "Energy and the Environment: Where Horizons Meet"

In keeping with the theme of this year's Conference, seven Divisions will sponsor a major technical session dealing with the interface of energy and the environment. Presentations will provide overviews of basic research and development programs, new and alternative strategies for energy production, and policies affecting the producers and consumers of energy while taking into account the need for environmental protection. The session will demonstrate cooperative efforts between those who develop and use energy and those involved with the protection and rehabilitation of the environment.

Speakers: *Dr. Amory Lovins*, Rocky Mountain Institute; *Dr. Ralph Perhac*, Electric Power Research Institute; *Gary North*, U.S. Geological Survey; *Doug Austin*, Hart Crowser, Inc., Inc.; and *Dr. Thomas Reed*, Colorado School of Mines.

5:00 p.m. - 7:00 p.m. — Speaker's Reception
A special reception for speakers from the afternoon's technical program, "Energy and the Environment: Where Horizons Meet."

10:30 a.m. - 12 noon — Program: "Hazardous Materials and Wastes: New Resources for Information Managers"

Hazardous materials and other chemicals have become integral parts of our lifestyle — they are the end products of industrial development and economic growth. Hazardous wastes are generated from many sources: industry, agriculture, municipalities, and households. Hazardous wastes are as diverse as the broad array of materials used by our society. Their management requires interconnected technical, social, political, and economic factors. The U.S. Environmental Protection Agency has developed a series of information sources that address the many

aspects of hazardous materials and hazardous wastes, including a PC-based software system. This session will provide an overview of the EPA's information programs and services related to hazardous materials and hazardous wastes.

Speaker: *Emma McNamara*, U.S. Environmental Protection agency.

7:30 p.m. - 9:30 p.m. — Engineering Division, Twentieth Anniversary Celebration

A special celebration of the Engineering Division's 20-year legacy — and toasts to the future. Come help us celebrate this festive event.

Wednesday, June 15

2:00 p.m. - 4:00 p.m. — "Standards Roundtable"
This discussion presents an opportunity to exchange ideas and problems regarding standards and specifications. The primary focus this year is national standards. Questions concerning identification, processing, and acquisition or other topics may be addressed. Representatives of the standards issuing agencies and suppliers who are exhibiting at the Conference have been invited to attend.

Moderator: *Pat Ricci*, Information Specialist.

Thursday, June 16

8:00 p.m. - 5:30 p.m. — Field Trip: "The Mining Era in Colorado: You Are There"

A busy day is planned for those who choose to visit the Old Mining West. Georgetown, center of a booming mining area in the late 19th century, is one of the few towns that never suffered a major fire. Nearly 200 structures are original, and conference attendees will be able to tour the Hamil House, home of a mine magnate, and the Hotel de Paris, as well as take a walking tour of the historic town. A ride on the Georgetown Loop, a reconstructed narrow-gauge railroad between Silver Plume and Georgetown, will give great views of the Colorado high country and early transportation. Along the train route, a walk-in mine awaits the more adventurous with tours of the mine and associated structures. Walking shoes and a sweater are strongly recommended.

7:30 a.m. - 12 noon — Field Trip: "Information Handling Services"

Information Handling Services is inviting SLA members to visit its facilities in nearby Englewood. The visits will last about two hours and are divided into two parts: meeting the product managers — the people who design and manage the company's products — and touring the manufacturing facilities, including the Paper

Vault and Data Acquisition, File Building, and Filming Departments. Refreshments will be served. Tour is limited to 45 participants.

10:30 a.m. - 2:30 p.m. — This trip is a repeat of the IHS tour planned for 7:30 a.m. - 12 noon.

1:30 p.m. - 6:00 p.m. — This trip is a repeat of the IHS tour planned for 7:30 a.m. - 12 noon.

Sophia Smith
Chairman, Engineering Division

IN SYMPATHY

Our deepest sympathies are extended to Mary Ann Schmidt, Engineering Division Publications Coordinator, whose husband passed away in late December.



Survey of SLA Software Users Is Available

Special Libraries Associations has just published a member-based survey which lists library software applications that SLA members are currently using. It is a shared body of experience for those members interested in making contact with other members using a particular software package. Entries include application type, program name, vendor name, equipment type, length of time in operation, and number of records online.

This is the first in a series of staff-generated research projects. Recently the SLA Board of Directors approved a research committee, from which further staff research will be generated and published.

Copies of the survey are available for \$15. Send your order to Box F1, Order Department, Special Libraries Association, 1700 Eighteenth Street, NW, Washington, DC 20009.

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Engineering Division Officers

1987-1988

Board

Chairman

Sophia A. Smith
Hart Crowser, Inc.
1910 Fairview Avenue East
Seattle, WA 98102
(206) 324-9530

Chairman-Elect

Carol Ann Irons
Harza Engineering Company
Library — 15 Fl.
150 S. Wacker Drive
Chicago, IL 60606
(312) 855-7192

Secretary-Treasurer

Nina R. Arrowood
RCA Corporation
Library, Bldg. 10-6-5
Camden, NJ 08102
(609) 338-3488

Director

Monica Ertel
Apple Computer Inc.
Corporate Doc. Libr. Svc.
20650 Valley Green Drive
Cupertino, CA 95014
(408) 973-2552

Past Chairman

(Long Range Planner)

Margaret Bean
2687 Salisbury Lane
Ann Arbor, MI 48103
(313) 769-4856

Committee Chairs:

Standing Committees

Archivist

Frances K. Wood
Kurt F. Wendt Library
University of Wisconsin-Madison
215 N. Randall Avenue
Madison, WI 53706
(608) 262-5913

Long Range Planning

(see: Past-Chairman)

Membership Chair

Marlys Johnson
Technical Library
FluidDyne Engineering Corporation
5900 Olson Memorial Highway
Minneapolis, MN 55422
(612) 544-2721

New Titles

Carmela Carbone
Engineering Societies Library
345 East 47th Street
New York, NY 10017
(212) 705-7610

Nominations

Elizabeth L. Ell
Midcon Corporation — Library
701 E. 22 Street — P.O. Box 1207
Lombard, IL 60148
(312) 691-2686

Public Relations

G. Lynn Tinsley
Engineering & Science Library
Carnegie-Mellon University
Schenley Park
Pittsburgh, PA 15213
(412) 268-2427

Publications Coordinator

Mary Ann Schmidt
Milwaukee School of Engr.
Walter Schroeder Library
P.O. Box 644
Milwaukee, WI 53201
(414) 277-7182

Sci-Tech News

(Engineering Div. Editor)
Gina Latas
Hart Crowser, Inc.
1910 Fairview Avenue East
Seattle, WA 98102
(206) 324-9530

Standards

Pat Ricci
Information Specialist
1492 Fremont
St. Paul, MN 55106
(612) 771-4764

Student Coordinator

Meredith Wiles-Haffner
Engineering & Science Library
Carnegie-Mellon University
Schenley Park
Pittsburgh, PA 15213
(412) 268-2427

Special Committee

Anniversary

Susan Hayes
Gould, Inc.
Computer System Div.
6901 W. Sunrise Blvd.
Fort lauderdale, FL 33313
(305) 587-2900

ENGINEERING DIVISION

NEW MEMBERS

January

Kris J. Barge
827 - 22nd Ave SE
Calgary AB Canada T2G 1N4

Sylvie Belzile
Natl Optics Institute
Library
369 Franquet St.
P.O. Box 9970
Ste Foy PQ Canada G1V 4C5

Susan F. Blaine
2335 Berwick Blvd.
Columbus, OH 43209

Linda R. Gruber
Pennsylvania State University
Engg Libr
325 Hammond Bldg
University Park, PA 16802

Katherine V. Keefe
6 Mayflower Rd.
Winchester, MA 10890

Kristen A. Nielsen
URS Corp
Libr
150 Fourth St.
San Francisco, CA 91403

Judy A. O'Neill
IBM Corporation
Library Dept. 419
P.O. Box 1900
Boulder, CO 80301

Lucille A. Steelman
1620 Vera Ave.
Redwood City, CA 94061

February

Ida Carter
Chamberlain Manufacturing Corp.
Gard Div
7449 N. Natchez Ave.
Niles, IL 60648

Molly S. Collins
4760 Ganyard Hill Rd. RD #3
Cananadaigua, NY 14424

Christine M. Dugan
Softech Inc.
Corporate Libr.
460 Trotten Pond Rd.
Waltham, MA 02254

John M. Galloway
3131 SW Freeway #32
Houston, TX 77098

Steven Gass
1028 Middle Ave. Apt. D
Menlo Park, A 94025

Gerda-Marie Gritzka
100 Ashrove Atp. #3
Point Clarie PQ Canada H9R 3N4

Elizabeth L. Hall
Snap-On-Tools Corp
Info Resources Ctr
2801 - 80th St.
Kenosha, WI 53141

Mark Hommack
Amer Translators Intl
P.O. Box 3689
Stanford, CA 94309

Frances Y. New
8026 E. Del Timbre
Scottsdale, AZ 85258

Mary P. (Toni) Wellner
Northern Telecom Inc.
Technol Libr
52 Regional Drive
P.O. Box 649
Concord, NH 03301

March

Ina C. Brownridge
Rd 1 Box 433
Binghamton, NY 13903

Carol Smith Feder
5581 Haverhill Rd
West Bloomfield, MI 48033

Helen E. Herbert
Natl Ctr of Manufacturing Sci
Libr
900 Victors Way
Ann Arbor, MI 49246

Charles R. Lord
Univ Washington
Engg Libr Info Svc
FH-15
Seattle, WA 98195

Ardyce A. Milton
Allen-Bradley Co.
Libr
P.O. Box 2983
Milwaukee, WI 53201

To-Hue Quach
Sandwell Swan Wooster Inc.
455 Blvd Dorchester W
Montreal PQ Canada H2Z 1Z4

Patricia A. Riese
4214 N. Murray Ave.
Shorewood, WI 53211

Gunta Vittands
Varian Assoc.
Tech Libr.
8 Salem Rd.
Beverly, MA 01915

Camille A. Wanat
Univ of California-Berkeley
Phys Libr
Leconte Hall Rm. 351
Berkeley, CA 94720

Teresa Wilkins
Pitney Bowes
Tech Info Ctr
Location 26-00 W Wheeler Dr
Stamford, CT 06926

NATURAL RESOURCES DIVISION

NATURAL RESOURCES DIVISION



SLA

Marion E. Johnson
Chair

From the Chair

Here's my last newsletter as Chair of NRD — the year has gone very quickly for me and I have enjoyed working with the Division officers. Thanks to Pete Evans for his support as incoming Chair, to Sue Terry for her work as our Editor with *Sci-Tech News* and to all the other committee chairs and to members who have sent in items for our newsletter. Both our Secretary, Alice Solyma, and our Treasurer, Cheryl Alexander, are filling in terms of office vacated because of members who moved on to other positions and could no longer act as our officers. My thanks to both of them.

As you know, Pete Evans and his committee polled our membership on its opinion re the possibility of merging with Environmental Information. The results were strongly in favour of such a merger. As a result of this informal vote, Pete and I, Fred Stoss and Margaret Miller from EID met with Ruth Seidman, Division Cabinet Chair, at Mid-Winter in Williamsburg to find out what our next move must be. The decision from Cabinet is that both divisions must poll their members at their business meetings in Denver, and then within 45 days a written ballot must be sent to all members. This would give us a legal decision. If a merger is agreed on, with a new name satisfactory to both divisions, the merger could be implemented in the fall of 1988. In the meantime we are not to have elections, but elections would be held in the fall to provide officers for the new division. Pete Evans and Margaret Miller would share the functions of Division Chair for the 1988/89

period. If the vote is against such a merger, each division would have a fall election for officers. All of this will be strictly monitored by SLA Headquarters so as to follow Association and Division By-laws.

We had good meetings in Williamsburg which is a fascinating town carefully restored to a 1760s colonial village by Rockefeller money. Most of us had to stay over until Sunday because of airline regulations, cheap tickets, etc., so we had a chance on Saturday to be tourists and walk around the settlement. As a Canadian with not much knowledge of American colonial history it was a wonderful experience, and the local food and wine was also excellent. I recommend it for a great place to visit.

The Denver program is in good shape with the credit going to Mary Lou Stursa, the Conference Chair. Because of the sudden resignation of Barbara Palanjian in December, Mary Lou has had extra work, but everything looks to be going well and Denver should be an excellent conference. I hope you realize that Mary Lou is one of the original Natural Resources Division members and has worked in many capacities for us over the years. She is still our Archivist for which I thank her very much. The NRD program is as follows and I hope that you will find it as worthwhile as I think it to be.

Sunday, June 12

12 noon - 1:00 p.m. — NRD Executive Board Meeting

6:00 p.m. - 8:00 p.m. — Open House with Biological Sciences and Environmental Information Divisions

Monday, June 13

10:30 a.m. - 12 noon — "Third World Environmental and Resource Issues," sponsored by EID and NRD.

1:00 p.m. - 4:00 p.m. — "Energy and the Environment: Where Horizons Meet." Speakers: *Dr. mory Lovins, Dr. Ralph Perhac, Dr. Thomas Reed, Mr. Gary North and Mr. Doug Austin.* This major program is sponsored jointly by NRD, Biological Sciences, Engineering, Environmental Information, Geography & Map Div., Petroleum & Energy Resources, and Public Utilities.

5:00 p.m. - 7:00 p.m. — A reception for our speakers and our members.

Tuesday, June 14

12 noon - 2:00 p.m. — NRD Lunch and Business Meeting.

2:00 p.m. - 4:00 p.m. — NRD Forestry/Forest Products Roundtable. U.S. Forest Service FS INFO Project. *Seung Ja Sinatra* of the U.S. Forest Service will demonstrate the Forest Service cataloging project.

5:00 p.m. - 7:00 p.m. — Open House with Biological Sciences and Environmental Information Divisions.

Thursday, June 16

8:00 a.m. - 6 p.m. — Field trip: Photographic tour of the Rocky Mountain National Park. EID and NRD have booked this tour through GreyLine Tours and we understand it will be an excellent opportunity to see the spectacular scenery of the national park. It is a different tour than the one being sponsored by SLA.

Denver promises to be a very exciting meeting and I urge you to try to attend to take part in the meetings, to network with other librarians and to learn from the exhibits.

Marion Johnson

Tour of Weyerhaeuser Corporate Library

A fine dinner and tour of the Corporate Libraries drew over 50 members of the Pacific Northwest Chapter to Weyerhaeuser Corporate Headquarters for the February meeting.

Boeing may exert more influence on the economic and labor climate of the Pacific Northwest but for workers in the forestry/forest products sector in this part of North America, Weyerhaeuser is the big kahuna.

Corporate Headquarters is a magnificent horizontal skyscraper, 354,000 ft² and 5 stories high (equivalent to a 37 story tower) built into and spanning a small valley on a 489 acre wooded site. It has won numerous awards and recognition. Completed in 1971, it has a fresh, friendly appearance and is in no way outdated in either exterior or interior design.

The early years of the 1980s were not particularly kind to the forest products industry. We became lean and mean; we downsized; we suffered. We were pitifully grateful when small improvements in the economy were noted. Now

that the financial picture has brightened considerably, it's a lot more fun around this industry.

It is cheering to see how well Weyerhaeuser is doing and how this reflects in strong support of library services in Corporate Headquarters where Karin Williams is Manager of Library Services and its Technical Information Center where Linda Martinez is Manager of Library Services.

Happily, the positive attitude and encouragement given to Weyerhaeuser Information staff reflects on all forestry/forest products information centers in the area and across the borders into Canada.

Diana Wilimovsky
Supervisor, Information Services
MacMillan Bloedel Research
Vancouver, Canada

EIN/NRD Merger Consideration

The merging of SLA divisions involves a lengthy, complicated process, and rightly so. The Environmental Information Division (EIN) initiated separation from NRD about ten years ago and was granted full division status only in 1979. It may be premature to rejoin the two after so brief a trial. On the other hand, both divisions have remained small, there is an obvious overlap of interests, and, as one respondent to the recent survey put it, "The duplication of effort involved in running two divisions with similar purposes is a waste of human resources, if not natural ones."

Rest assured that the matter will not be treated lightly. In November, 1987, NRD took a preliminary survey to garner members' opinions. Questionnaires were mailed to 153 members of NRD, the full membership at that time. Results as of February, 1988, were as follows:

Questionnaires returned:	56 (37% of the membership)
Those in favor of merger:	44 (78% of responses)
Those opposed to merger:	7 (13% of responses)
No opinion:	5 (9% of responses)

The comments which accompanied the poll were, as might be expected, considerably more interesting than the statistics. These ranged from the pointedly unconcerned to strong feelings at both extremes. Two major concerns were the wish for more round tables to reflect special interests regardless of division structure, and a desire for regional meetings in addition to the annual conference.

The review process will continue for some time before a decision is reached. (1) EIN will poll its membership with a preliminary questionnaire similar to NRD's. (2) At the Denver conference, the results of these questionnaires will be discussed at a joint meeting of the two merger consideration committees. (3) The results of this joint discussion will be presented separately at the business meeting of each division. *(You are hereby advised that the possible merger of EIN and NRD will be on the agenda of the NRD business meeting at Denver in June, 1988.)* (4) If the merger proposal is approved by a majority of the members *present and voting at both these division meetings*, both of the divisions will send a ballot to all their members no later than 45 days after the business meeting. (5) If a two-thirds majority of each division's members mailing in valid ballots approve the merger, the chairs of both divisions will notify the Division Cabinet Chair in the form of a single petition signed by both EIN and NRD division chairs. (6) The Division Cabinet Chair will then present the petition to the Association's Board of Directors. (7) If approved by the Board of Directors, the merger will be effected.

At this writing, there is still plenty of time for discussion, expressing your opinions, straw votes, and other political maneuvers. Don't miss this chance to assist in the decision-making process. If you can't come to the annual conference in Denver, please register your opinion with your merger committee. Send in that questionnaire, which is probably at the bottom of your in-box. If you can't find it, please write or telephone Peter Evans.

Peter A. Evans, Librarian
Forest Products Library
University of California
1301 South 46th Street
Richmond, CA 94804
(415) 231-9549 on Tuesdays or Thursdays.

Library Profile

World Resources Institute

World Resources Institute is an independent, nonpartisan policy research center created to help governments, international organizations, the private sector and others balance meeting human needs and nurturing economic growth with maintaining environmental integrity. Research programs are aimed at providing accurate information about global resources and

population, identifying emerging issues and developing creative yet politically and economically workable proposals. A central task of the Institute is to build bridges between scholarship and policy, bringing the insights of scientific research, economic analysis, and practical experience to the attention of policy leaders in the United States and abroad.

WRI's work is carried out by a 55-member interdisciplinary staff augmented by an international network of collaborators in over thirty countries. Program areas have included tropical forests, acid rain, pest management, multinational corporations and the environment, global energy strategies, climate change and stratospheric ozone depletion. WRI and the International Institute for Environment and Development now publish the *World Resources* reference book series, which provides the most complete and up-to-date data available on worldwide conditions and trends in resources, environment, and population.

The WRI Library is divided between two suites of offices on the opposite sides of New York Avenue in Washington, DC. Most of the 200 journals are in the centrally located room called the library, but the World Resources Report collection may actually house more reports and monographs than the "library." Whether shelved in one of these collections or in individual offices, materials may be accessed by a computer catalog on Pro-Cite software and a Leading Edge computer. There are almost 3000 records in the database as of February, 1988. The computer also provides access through Crosstalk to DIALOG, BRS, and WILSON-LINE. Journals and a number of newsletters are currently in a DBase3 file. Sixteen drawers of vertical files are split between a subject arrangement and folders for organizations. Documentation for the organizations was originally done in DBase2, but will eventually be put on Pro-Cite with the possible option of merging the catalog and the list of organizations for searching.

Acquisitions for all departments are routed through the library. The librarian performs all cataloging and classifying: the LC scheme is used, but modified as necessary for the most logical arrangement in terms of the Institute's work. The librarian has just completed developing archives policies and procedures with the cooperation of senior staff. An interesting but frustrating periodic special assignment is obtaining rights and permissions for tables and figures used in the *World Resources* series. This usually

involves a number of international telexes and telephone calls.

The WRI library is heavily dependent on interlibrary loan with the nearby World Bank libraries as well as with many of the special and academic libraries in the metropolitan Washington area. ILL requests average about thirty each month. WRI lends only about five items a month. However, a number of telephone and walk-in inquiries from other librarians, consultants and visitors are included in the monthly average of 75-100 recorded reference questions. World Resources Institute is a member of the Interlibrary Users Association, which publishes a biennial union list of *Journal Holdings in the National Capital Area*.

The librarian is included in all research staff meetings and attempts to meet with all researchers individually to assess ways the library can provide them appropriate assistance. The library is primarily a one-person operation, but temporary help was hired to bring the catalog up-to-date. Since October, 1987, an "intern" has been authorized for ten hours per week to help with the many clerical chores such as checking in journals and filing. The office assistant does some photocopying, and the office receptionist opens library mail, types book labels and correspondence, and performs other simple tasks. Nearly every staff member utilizes the World Resources library in some way; this includes those from fundraising, outreach, and business management as well as researchers and secretarial staff.

Sue Terry

24 to be Honored by the Special Libraries Association in June

Washington, D.C., February 10, 1988 — Emily R. Mobley, President of the Special Libraries Association (SLA) announced the recipients of the Association's annual awards at the Winter Meeting of the SLA Board of Directors recently held in Williamsburg, Virginia.

Twenty-four individuals will be honored for their contributions to the Association and the profession at the Association's Awards Banquet, June 15, as part of SLA's 79th Annual Conference scheduled for June 11-16, 1988, in Denver, Colorado.

John Cotton Dana Award:

Beryl L. Anderson, retired, National Library of Canada, Ottawa

Ron Coplen (posthumously), Gossage Regan Associates, New York, NY

Paul Klinefelter, Defense Technical Informa-

tion Center, Alexandria, VA

Enid T. Thompson, retired, University of Denver, Denver, CO

SLA Hall of Fame Award:

Robert W. Gibson, Jr., retired, General Motors Corporation, Metamora, MI

Edythe Moore, retired, Aerospace Corporation, Torrance, CA

Ruth S. Smith, National Technical Information Service, Springfield, VA

Miriam Tees, McGill University, Montreal, Canada

SLA Professional Award:

Evelyn Butler, retired, University of Pennsylvania, Philadelphia, PA

Elizabeth W. Stone, retired, Dean Emeritus, Catholic University of American, Washington, DC

SLA President's Award:

Miriam A. Drake, Georgia Institute of Technology, Atlanta, GA

Helen Manning, Texas Instruments, Inc., Dallas, TX

James M. Matarazzo, Simmons College, Boston, MA

Frank Spaulding, Piscataway, NJ

Ann W. Talcott, Library Management Consultant, Short Hills, NJ

James B. Tchobanoff, Pillsbury Company, Minneapolis, MN

Allen B. Veaner, Allen B. Veaner Associates, Toronto, Canada

Honorary Member Nominees:

William C. Welsh, Library of Congress, Washington, D.C.

W. Kenneth Lowry, retired, AT&T Bell Labs, Summit, NJ

Fellows of the Special Libraries Association

Vivian Arterbery, Rand Corporation, Santa Monica, CA

N. Bernard Basch, Turner Subscriptions, New York, NY

Laura N. Gasaway, University of North Carolina, Chapel Hill, NC

H. Rober Malinowsky, University of Illinois-Chicago, Chicago, IL

James M. Matarazzao, Simmons College, Boston, MA

For additional information on SLA award recipients, contact David Malinak, Director of Communications, SLA, 1700 18th Street, NW, Washington, D.C. 20009 or call (202) 234-4700.

NUCLEAR SCIENCE DIVISION

The division has a special interest in Nuclear Science and in advanced energy systems such as nuclear, solar, wind, geothermal, and tidal. Its concern in these fields includes, but is not limited to, research, policy and analysis, development and production.



Berta Keizur
Chair

From the Chair

Mid-Winter

The January Mid-Winter Conference was held in Williamsburg, VA. The Virginia chapter hosted this event with southern hospitality plus. When we arrived in the host city, the temperature was in the 20s ... when we left it was in the 60s. The banquet was traditionally superb with peanut soup (that's right) as the first course of a six course dinner. Entertainment by colonial balladeers was delightful. This was followed by a dessert reception in the Botetourt Gallery of William and Mary's Earl Gregg Swem Library. Sounds like we had fun ... we did. We also were very busy with the conference work at hand. I attended Division Cabinet meetings finalizing the June Denver programs. Cynthia Hodgeson, WEC, Chair-Elect, attended Division Cabinet meetings in preparation for the 1989 Annual Meeting in New York City. Regretfully, Cynthia became ill during the conference but she held in there anyway. We both attended the many Joint Cabinet and Board of Directors Meetings that were scheduled throughout the Conference.

Member and Past-Chair Lois Webster, ANS, was there in the capacity of SLA Bylaws Committee Chair. Lois was commended on the report that she presented to the Board on the status of our Bylaws. There will be a ballot mea-

sure concerning this in 1988 ... PLEASE, WE NEED YOUR VOTE. For full details on this, read Lois' submission below. Member Pat Gatlin, Union Electric/St. Louis, MO, was also in Williamsburg as Public Utilities Division Chair. Pat and I have worked together on joint NSD/PUT programs for the Denver Conference. All-in-all we enjoyed the hospitality and pleasant historical surroundings, but we worked hard and long to assure the continuation of the quality programming represented by the SLA conferences.

Denver

The NSD preliminary program cited in the January 1988 issue of *Sci-Tech News* is accurate with few additions, so I will not reiterate the schedule in this issue. The Tuesday, June 14 panel on "Impact of Hi-Tech on the Librarians Workday," moderated by Robert Lormand/-LLNL, will include as expert panelists: Hillis Griffin/LBL, Berkeley, CA; Miriam Ciochon/Federal Reserve Bank, San Francisco; Scott Kostenbauder/IBM, Thornwood, NY; and Monica Ertel/Apple Computers, Cupertino, CA. The Thursday, June 16 lunch will be impressively held at the Black Forest Inn.

A "Denver at Dusk" SLA sponsored field trip is to be held Saturday, June 11, 4:30 - 7:00 p.m. The SLA Fundraising Event is a Chuckwagon Supper at the Flying W Ranch, Sunday, June 12, 5:00 - 11:00 p.m. The Banquet, Awards Ceremony, and Closing Session will be from 7:00 to 10:00 p.m., Wednesday, June 15.

The preliminary program will be mailed in March. Try to make the Denver Conference and join our Division's programs, the other Division programs, excellent exhibits, and social get-togethers all designed to stimulate, educate, and communicate within our profession.

Happy Birthday to NSD

I am happy to be Chair during the year of the Division's 25th Anniversary. We thank Emily Mobley, President, SLA, for her good wishes on behalf of SLA. To quote from her letter, "Your division has made many contributions and provided the excellence of leadership which has helped make the Association a very viable and visible part of the information community. We all agree ... although NSD is a small division, our members contribute greatly to the excellence of the library field through Special Libraries Association.

This will be my last contribution to the bulletin as your Chair. Thank you all for your time and effort, whether it was by volunteering for committees, helping with the conference planning, giving suggestions, or just being there when I needed to talk things over with someone. Our year so far has been a good one, and will continue through the June Conference. Another winning year will then begin under the direction of Cynthia Hodgeson as she takes over the Chair responsibilities. Let's be thinking of how we can contribute to Cynthia's goals as she sets them for 1988-89. Good luck, Cynthia.

Berta Keizur, Chair
Nuclear Science Division

Government Relations Representative

NSD now has a Government Relations Rep. Carla Newsome/Westinghouse, Pittsburgh, PA, has volunteered to represent our Division. She has been representing her Pittsburgh chapter and will now also keep our Division informed on the happenings in this area. If you have some concerns, let Carla know them.

Nominating Committee Report

In June, the Nominating Committee will be pleased to place these two names in nomination. For Incoming Chair Elect of the Nuclear Science Division for 1988-89 (to serve as Chair for 1989-90): Veronica E. Johnson, Argonne National Laboratory, and for Secretary for 1988-1990: Audrey W. Caldwell, Duke Power Company.

My thanks to the other members of the Committee, Patricia Gatlin and Dorothy Hutson.

Lois Webster, Chair
NSD Nominating Committee

A Bylaws Straitjacket

Our SLA bylaws were revised in 1974 and have not been amended since. The foremost reason for this stagnation is a passage dealing with the amendment process in Bylaws Article XVI, Section 3, which states that the membership's returned mail ballots must equal 40 percent of the total members eligible to vote. Two attempts to revise our bylaws fell short with a response of 24.7% in 1978 and 27% in 1981. (You may wish to refer to the Bylaws in "Who's Who in Special Libraries" for the entire procedure.) Briefly, it will take a 40% vote to get rid of the 40% requirement, and lower the figure to 25%. Therefore, we need every last member to be aware of this issue, and to respond to it.

In addition, there is another serious problem that involves the Board of Directors' inability to act in certain situations. There is no provision in our bylaws for the time when the Board is between regular meetings and an issue arises that the Executive Committee is not allowed to consider, and yet must be decided quickly. In addition, our bylaws do not specifically allow a mail or telephone vote to be taken in these instances. To answer this need, a new Article III, Section 7 will be presented to the membership.

Our bylaws are outmoded and very difficult to amend. Our Board of Directors is seriously hampered in their flexibility to govern our association. There will be a vote to amend the bylaws at the Denver meeting in June. If both recommendations pass, they will then be subject to a vote of the entire membership by mail ballot in the Fall. That's when we'll need your help.

Lois Webster
Chair, SLA Bylaws Committee

Long Range Planning

NSD Long Range Planning Committee Chair Betty King, formerly with Westinghouse Hanford Operations, Richland, WA, is diligently considering one of the objectives outlined in our Plan. Targeting related organizations to solicit new members is on her agenda. She will be asking for assistance in the near future to attain the desired result. If this sparks your interest, give Betty a call.

Members

Speaking of Betty King ... she will no longer be affiliated with Westinghouse as, due to clos-

ing of projects, her library is being dissolved. A profile submitted by Betty is included below.

Nine Years of Activity Now Ended — I went to Rockwell Hanford, October 18, 1978 to organize a small reference library for the Basalt Waste Isolation Project. The BWIP Technical Library was born. There were about 35 geologists, geochemists, geophysicists, hydrologists, and engineers starting up the studies. Dr. R.A. Deju, who taught geology at the University of Mexico, came up with the idea of storing high level waste in basalt rock. There were two geologists from the United States Geological Survey that made surveys of our area in 1971 and 1973 on groundwater, etc. Dr. Deju became the Director of the Basalt Waste Isolation Project and our research began. The library received reports from twelve locations including Sweden, Canada, and Austria on Nuclear Waste Management.

When the Nuclear Waste Policy Act of 1982 was enacted in 1983, we were ready to drill one of the largest drill holes in the United States. The Basalt Waste Isolation Project (BWIP) was picked as one of the three final sites to store high level radioactive waste. I researched all references on the Site Characterization Report and Plan. I also researched all references for the Draft Environmental Assessment and the Final Environmental Assessment. Congress has just cancelled the nine year project. We now have a staff of 1,000 which will be laid off. The first to go this month are technical staff including myself. I loved the people I served. The library had over 1200 bound volumes plus 8000 other items. Goodbye BWIP.

Betty King

Welcome

We are pleased to add the following new members to our division:

Alice L. Hassett
Rochester Gas & Electric Corp.
Nucl Train Resource Ctr.
89 East Ave.
Rochester, NY 14649

Barbara A. Staley
Chem-Nuclear Systems, Inc.
220 Stoneridge Dr.
Columbia, SC 29210

Albert G. West
6034 Richmond Hwy. Apt. 820
Alexandria, VA 22303

Rick G. Woodlee
9 Valentine Dr.
Rossville, GA 30741

Address Change:
Margaret H. Conyngham
IAEA Library
Wagramerstrasse 5 P.O. Box 200 (instead of 100)
A-1400 Vienna Austria

Southern California Chapter Seminar

The Professional Development Seminar Committee, Southern California Chapter, SLA, is pleased to announce "Planning and Preparing for the Information Millennium," our annual seminar. The event will be held on Friday, 22 April 1988 from 9:00 am to 4:00 pm at the Long Beach Airport Marriott, 4700 Airport Plaza Drive, Long Beach. Our speakers will focus on practical and theoretical methods for information management. Registration is \$75.00 with buffet lunch. Speakers include:

James Matarazzo — Associate Dean, Simmons College, Graduate School of Library and Information Science, Boston

Louis Fuchs — Director, Strategic Products, WANG Laboratories

Linda Crismond — Director, LA County Public Library

Linda McKell — President, Advanced Information Management, Mountain View, CA

Kaycee Hale, Moderator — Fashion Institute of Design and Merchandising

Marriott Hotel rooms are available at group rates. Contact Jane Moser (213)643-0322. Make your check payable to Southern California Chapter, SLA and send to:

Dona Novack
Corporate Information Center T1-3A
Allergan, Inc.
2525 Dupont Drive
Irvine, CA 92715
(714)752-4854

Include your name and company affiliation.

SCIENCE-TECHNOLOGY DIVISION

The objectives of the Science-Technology Division shall be: to draw together those members of the Special Libraries Association having an interest in the role of library and information science as applied to the recording, retrieval and dissemination of knowledge and information in all areas of science and technology; and to promote and improve the communication, dissemination and use of such knowledge for the benefit of libraries and their users.

From the Chair

Winter Meeting, Williamsburg, Virginia

Ina Brownridge and I attended the Winter Meeting, January 27-29, in Williamsburg, Virginia. During these three days we attended Division Cabinet, Joint Cabinet, and Board of Directors meetings, conference planning activities, and leadership training programs. Many of the highlights of this meeting will be published in the issues of the SpecialList. However, I want to bring to your attention several issues.

The Special Committee on Association Structure recommended (1) an expansion of the leadership training program (DACOLT) to include any elected or appointed officer of any Association unit or sub-unit (2) the Board of Directors direct the Bylaws Committee to prepare amendments to the Bylaws necessary to collect sexist language and other problems (3) establishment by approval of the Board of Directors directed the Bylaws Committee to pre-a caucus would be approved by the Board as an informal group focusing on the common interests of its members that are not covered by any other Association Division or Committee). I have the full text of this Committee's report and will provide copies to interested members.

The SLA Scholarship Fund received a generous bequest of \$50,227.37 from Isabel M. Cubberley. The Association Office records indicate that Isabel was a member of the Science-Technology Division, but do not include any personal information. If you can provide accounts of her SLA activities or biographical information, please send me this material. I hope that the Division's collective memory will be able to provide the Association Office with personal information on Isabel Cubberley.

The Division Cabinet last June requested the Board of Directors to make a statement on the escalating cost of journals. The Board referred the issue to the Publisher Relations Committee. This Committee did not feel it could develop a policy statement without additional investiga-

tion. The Committee proposed a survey for publishers, a survey for libraries, a closer collaboration with other professional associations investigation this issue, and a compilation of survey results and collaborative efforts. The Committee will report again in June.

Denver Conference Update

I want to update some information not included in the Preliminary Program for the Denver Conference. A copy of The Plateauing Trap by Judith Bardwick will be given away at the Sci-Tech Breakfast and Business meeting. Additional copies will be drawn for at her presentation on Tuesday. At this time, panelists for the meeting on Conference Proceedings will include Bernard B. Baschkin, President, Interdok Corporation, Peter Jamieson, Vice-President of Institution Marketing and Sales, EIC/Intelligence, and Gloria Zamora, Management Information Specialist, Sandia National Laboratories. I hope you have identified the programs that you will be going to and I look forward to seeing you in Denver.

Other Comments

I would like to thank the members of the Nominating Committee (Beth Paskoff, Chair, Jean Miller, and Nancy Anderson) for their excellent work. You should receive a ballot in April. Please forward this effort by voting and returning your ballot. To help identify members interested in participating in Division activities, Ina and I will be sending you a questionnaire. I hope you will complete it and volunteer for activities that are of interest to you. In the meantime if you want to volunteer, or if you have a program idea, send your name and interest to Ina Brownridge, State University of New York-Binghamton, Science Library Binghamton, New York 113901.

LeAnn C. Weller
Chair

Minutes of the Annual Business Meeting

June 8, 1987, Anaheim, CA

The meeting was called to order by the chairman, Richard L. Funkhouser. The minutes of the 1986 annual meeting were approved as published in *Sci-Tech News* with minor corrections. Wilda Newman, the Division Treasurer, presented the treasurer's report and reviewed the budget for 1987-88 which had been approved by the Executive Board.

Betty Davis, chair of the Awards Committee, reported for the committee. Jean Martin was named the second recipient of the Division's Achievement Award which consisted of a certificate and a \$250 check. Camille Clark received the \$600 award for travel support for a first time conference attendee and she read her winning essay.

Ann Robertson reported for the Nominating Committee. The nominees were: For Chair-Elect, Ina Brownridge, SUNY at Binghamton and Philip Lawrence, Institute for Textile Technology and for Secretary, Susan Abusch, M/A Com, Inc. and Dorothy McGarry, UCLA. Ina Brownridge and Susan Abusch were elected.

Bruce Cox reported on the Division's special project, the preparation of a new edition of Strauss' Scientific and Technical Libraries. A contract has been signed with Robert E. Krieger Publishing Co. Nine individuals have already agreed to write sections of the volume and additional writers are needed.

The Division's membership on May 1, 1987 was 1,536 as reported by Cheryl Postlewaite.

The resignation of Don Paul, Subscription Manager of *Sci-Tech News* for the past seven years, was announced. The Division members commended him for the substantial contributions he has made to the Division. Robert Ballard, the Editor, Virginia Ford, the Business Manager, and Paul Morton, the Subscription Manager were recognized and commended for their work on the division publication. Paul Peterson reported that the Sci-Tech News Task Force had had little activity the past year with only the Engineering Division providing any significant input. The divisions participating in *Sci-Tech News* are pleased with the product and the Task Force has been dissolved.

The Chairman reviewed the Division's conference program and acknowledged the contributions of \$200 each from Ebsco Industries, Information Handling Services, and the Insti-

tute for Scientific Information to support the Division's open house.

When new business was called for, Eleanor MacLean indicated her concern and that of her colleagues about increasing journal subscription costs. She moved that the association take a stand on this issue. The motion was seconded and following discussion was passed. (Note: The Division Chair introduced a motion to this effect at the Division Cabinet meeting where it passed; the association's Board of Directors referred it to the Publisher Relations Committee.)

There being no further business, the meeting was adjourned.

Minutes supplied by
R. L. Funkhouser,
Past Chairman

Duplicate Exchange Program Procedures

1. Membership rolls will always be open. Library Membership Lists will be sent by the Duplicate Exchange Chair on January 1 and July 1 every year.
2. Member Libraries must send a typewritten publication Offering List at least once per year to all Member Libraries and to the Duplicate Exchange Chair. This list can be sent at any time.
3. The Offering Lists will be in alphabetical order by title within each type of publication; i.e., Magazines A-Z, Conference Proceedings A-Z, etc. Periodic publications will include dates. Also, the lists will include a contact person.
4. Requesting Libraries will respond by mail directly to the contact person at the Offering Library. Requesting Libraries will indicate on the Offering List the publications wanted and will attach self-addressed mailing labels to the Offering List. Requesting Libraries will repay transportation costs of publications over \$2.00 to the Offering Libraries by stamps or by checks.
5. Offering Libraries will send the publications to Requesting Libraries on a first come, first serve basis with no notification of unavailability. Offering Libraries will pay the transportation cost of the publications to the Requesting Libraries.

6. Want Lists will be handled in a similar procedure.
7. Science-Technology Division Duplicate Exchange Chair is:

Lexie W. Schwabel
 Librarian
 Greiner, Inc.
 P.O. Box 31646
 Tampa, Florida 33630-3416

Duplicate Exchange List

B. A. Bernard
 Emery Chemicals
 Research Library
 4900 Este Avenue
 Cincinnati, Ohio 45232

Lexie W. Schwabel
 Greiner, Inc.
 P.O. Box 31646
 Tampa, Florida 33630

J. Burden
 Grumman Aerospace Corporation
 Technical Information Center
 Plant 35
 Bethpage, New York 11714

Hawaii Institute of Geophysics
 Library Room 252
 2525 Correa Road
 Honolulu, Hawaii 96822

William F. Mayles
 Science, Engineering and
 Technology Librarian
 Indiana University-Purdue
 University at Indianapolis
 University Libraries
 1201 East 38th Street
 P.O. Box 647
 Indianapolis, Indiana 46223

Duplicate Exchange List
 McDonnell Library
 Dept. 22, Bldg. 23
 P.O. Box 516
 St. Louis, Missouri 63166

Michigan Osteopathic Medical
 Center
 Health Science Library
 Exchange
 2700 Martin Luther King, Jr.
 Blvd.
 Detroit, Michigan 48208

Microelectronics Center of
 North Carolina
 Library
 P.O. Box 12889
 Research Triangle Park, NC 27709

Rhea Austin OAO Corporation
 7500 Greenway Center
 Greenbelt, Maryland 20770

Patricia Sindlinger
 Library
 Ohio Agricultural Research and
 Development Center
 Wooster, Ohio 44691

Cynthia Wesolowski
 Pitney Bowes
 Technical Information Center
 Loc. 26-00
 Walter Wheeler Drive
 Stamford, Connecticut 06926-0700

Lorraine Schein, Librarian
 Polytechnic Institute of New York
 Route 110
 Farmingdale, New York 11735

Mrs. Geraldine James, Librarian
 PQ Corporation
 Research Library
 P.O. Box 258
 Lafayette Hill, PA 19444-0258

Ms. Martha Bailey
 Life Science Librarian
 Purdue University
 Life Science Library
 West Lafayette, Indiana 47907

RCA Library
 Attention: M. K. Noll
 P.O. Box 3140
 Lancaster, PA 17604-3140

Barbara Gazda
 Library-Duplicate Exchange
 R. B. Russell Agricultural
 Research Center
 P.O. Box 5677
 Athens, Georgia 30613

Ms. Cheryl Stickle
 Scott Paper Company
 Technology Library
 Scott Plaza III
 Philadelphia, PA 19113

Corporate Library
 Attn: Doris Y. Hughes
 Siecor Corporation
 489 Siecor Park
 Hickory, NC 28603-0489

Southwest Research Institute
 Library
 6220 Culebra Road
 San Antonio, Texas 78284

Library
 St. Louis Society for Medical and
 Scientific Education
 3839 Lindell Boulevard
 St. Louis, Missouri 63108-3470

Stauffer Chemical Company
 Research Library
 1200 South 47th Street
 Richmond, California 94804

Ms. Martha Liles
 Systems Control Inc.
 Technical Library
 P.O. Box 10025
 Palo Alto, California 94303

Thompson, Ventulett, Stainback
 & Associates
 Sue Cranfill, Librarian
 Twelfth Floor
 North Omni International
 Atlanta, Georgia 30335

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 University of Kansas Libraries
 Science Library
 Lawrence, Kansas 66405-2800

University of Missouri-Rolla
 Duplicate Periodical Exchange
 Library
 Rolla, Missouri 66045-0249

UR-VISR Science Library
 Science Building
 University of Richmond, VA
 23173

U.S. Department of Agriculture
 Southern Regional Research Lab
 Library
 Box 19687
 New Orleans, Louisiana 70179

Westinghouse Electric Corp.
 Attention: Librarian
 Bettis Atomic Power Laboratory
 Library
 P.O. Box 79
 West Mifflin, PA 15122-0079

New Science & Technology Journals

Advances in Cement Research; The International Journal on the Fundamentals of Cement Research. Frequency not given. \$100.00/yr. Palladian Publications Limited, 11 Grosvenor Crescent, London SW1X 7EE, England. v. 1, no. 1 is October 1987.

Explosives Engineering. Quarterly. £25/yr. Published for the Institute of Explosives Engineers by Ashire Publishing Ltd., 42 Grays Inn Road, London WC1X 8LR. v. 1, no. 1 is Autumn 1987.

Hazardous Materials Control. Bimonthly. \$18.00/yr. Hazardous Materials Control Research Institute, 9300 Columbia Blvd., Silver Spring, MD 20910. v. 1, no. 1 is January-February 1988.

International Journal of Engineering Fluid Mechanics. Quarterly. \$295.00/yr. Gulf Publishing Company, P.O. Box 2608, Dept. H E F, Houston, TX 77252-2608. v. 1, no. 1 is Spring 1988.

International Journal of Expert Systems Research and Applications. Quarterly. \$125.00/yr. JAI Press, 55 Old Post Road - No. 2, P.O. Box 1678, Greenwich, CT 06836-1678. v. 1, no. 1 is September 1987.

Japan Materials News. Monthly. \$305.00/yr. ASM International, Metals Park, OH 44073. v. 1 is 1988.

Journal of Supercritical Fluids. Quarterly. \$175.00/yr. PRA Press, Polymer Research Associates, Inc., P.O. Box 42375, Cincinnati, OH 45242-0375. v. 1 is 1988.

Property Data Update: Official Standards of the National Standard Reference Data Service of the USSR. Quarterly. \$369.00/yr. Hemisphere Publishing Corporation, 79 Madison Avenue, New York, NY 10016. v. 1 is 1987. (Translation)

Soviet Materials Science Reviews: Transactions of Soviet Research Institutions in Science and Technology. (Translation). Quarterly. \$265.00/yr. Hemisphere Publishing Corporation, 79 Madison Avenue, New York, NY 10016. v. 1 is 1987.

Supercurrents; The Superconductivity Magazine. Monthly. \$60.00/yr. Supercurrents, P.O. Box 889, Belmont, CA 94002. v. 1, no. 1 is January 1988.

Carmela Carbone and
Marianne Schenk
Engineering Societies Library



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Book Reviews

Agricultural & Veterinary Sciences International Who's Who. 3rd edition, Burnt Mill, Harlow Essex, UK, Longman, 1987 (distributed in the U.S. by Gale Research Company).

The ideal biographic directory of contemporary leaders in any major field of human endeavor would —

1. include the most important individuals in this field.
2. provide data about the people described in this publication that is reasonably current and sufficient to satisfy its target audience, and
3. be easy to use by virtue of its logical organization and readable format.

This third edition of an agricultural who's who achieves both successes and possibly some avoidable but mostly unavoidable shortcomings in attempting to reach these ideal attributes. Covering all the important scientists worldwide in a field as all encompassing as agriculture is practically impossible. The closest to this ideal that might be achieved is to produce a directory that provides a typical sample of the important luminaries in the areas of its interest. The "Agricultural & Veterinary Sciences International Who's Who" (AVSIWW) in listing the scientists working in the fields designated by its title throughout the world derives its data primarily from the voluntary provision of curricula vitae by the individuals covered in the text. They are not always the most important or representative part of the community being surveyed.

The work under review includes some 7,500 names from over 100 countries exclusive of the Soviet Union. The compiler is a world renowned publisher experienced in not only publishing the two preceding editions of this work but in producing other directories as well. With this reputation and experience it is to be expected that this directory would prove to be a useful reference tool. The preface states that a wide variety of sources were contacted to provide candidate entries. These sources included scientific societies, government research organizations, journal editors, industry, institutions of higher learning and research granting bodies. However, in reviewing this compilation one is struck by the enormous challenge of providing a representa-

tive sampling of the population universe as defined by the title; a universe that includes all scientists working in the multifarious disciplines and fields of interest involved in agriculture encompassing practically all modern sciences and technologies, ranging from the highly applied to forefront basic research and development as, e.g., they are applied in biotechnology. As an indication of the extent to which the scientists listed in this work represent the world community of agricultural scientists, some readily available statistics on a small subfield of the aforementioned universe — veterinary scientists in the U.S. — were used to compare the number included in this who's who with an authoritative census. AVSIWW lists 42 veterinary scientists in the U.S.; the 1987 edition of The American Veterinary Medical Association Directory states that there are 280 U.S. veterinarians engaged in teaching and research. It can be assumed that the AVMA figures excludes some veterinary scientists from the category "teaching and research" among the 42,696 veterinarians in the U.S. because there are other categories in these AVMA statistics that would include veterinary scientists among its ranks such as research administrators, veterinarians staffing laboratory animal care and breeding facilities, and veterinarians engaged in operating diagnostic or referee laboratories. Thus the 42 U.S. veterinarians listed in the work being reviewed represent an even smaller population of U.S. veterinary scientists than the comparative numbers imply. This example should not be considered to be a criticism, but rather to serve as a reminder that any printed publication of this kind can only provide a very small representation of the scientists working in the various fields of agriculture and veterinary medicine. A publication of this sort also suffers from the inevitable weakness of any printed directory of contemporary individuals inasmuch as the content data is vulnerable to being superseded as out-of-date by virtue of changes in the professional status of scientists who often advance into new positions with different organizations or institutions.

This who's who earns high marks on matters pertaining to style, typography, and arrangement. The text is printed in a highly readable typeface on good contrast high gloss paper with

ample spacing between constituent parts and entries. The use of clearly visible and well placed bold face display type for sideheads, entry names and section titles makes any lookup much easier.

As for the arrangement of the text of this two volume publication, the work is made up of two parts. The bulk of the text, Part One, is an alphabetically arranged list of the individuals named in the directory with biographic and directory information consisting of the full name, year of birth, higher education and degrees, position held at the time the questionnaire was completed, previous professional experience, directorships, appointments, memberships, publications, professional and research interests, telephone number and postal address. Part Two, comprises a list of countries subdivided by rather broad subject headings under which the names of the scientists from each nation engaged in work described by the subject are listed. This part thus serves as a geographic and subject index to the main text in Part One. Although the subject headings are useful, their value would have been greatly enhanced if they would indicate the specific subjects in which the constituent scientists are expert. Thus, e.g., instead of listing a scientist as a biophysicist he could also be found through a more detailed subject index as an expert on photosynthesis or it could enable a searcher to identify scientists who are involved in gene mapping by a subject heading more precise than microbiologists. This may entail a change of format but most users would forego the uncluttered typographic arrangement of the present text in favor of a more specific identification of subject expertise.

Not all entries are complete because a number of individuals included in this work did not provide data about themselves. The compilers listed non-respondents in abbreviated entries (usually by providing the name, job affiliation and address) from data obtained from published sources. Although these exceptions are regrettable, it is better than having them eliminated altogether.

The reason for publishing this compilation is clearly indicated in its preface which describes the target users as including "... information scientists, recruitment officers, market researchers, financiers seeking technical advice, embassy staff, consultants, scientists and engineers." It is certain that this work will prove to be a valuable addition to the armamentarium of sources of biographic and directory information on contemporary scientists that can be utilized by these users in conducting, supporting or administering

agricultural and veterinary research and development.

Jesse Ostroff
National Agricultural Library

Newspapers and New Media by David A. Patten. (White Plains, N.Y.: Knowledge Industry Publications, 1986). Part of the "Communications Library" Series. 137 pp., hardbound. \$34.95.

The author attempts to address the following question: Can newspapers survive existing business problems and the onslaught of the "new media," and, if so, in what form? The fly-leaf informs us that the author is a television journalist (for a network affiliate in Texas) and a former executive director of a newspaper's cable-news operations.

What are the new media? Patten mixes together the following as examples: cable television, direct broadcasting by satellite (DBS), low-power television (LPTV, sometimes called "narrowcasting"), multipoint distribution services (MDS — generally "microwave" or "cable-free cable"), and videotex; as well as non-television media such as online databases, cellular telephony, and microcomputers.

His suggestion is that, although newspapers have taken something of a beating in the last few years (afternoon dailies are ceasing due to production costs, and satellite-distributed newspapers such as "USA Today" are gaining readers) and print journalists underestimate the value and readership of newspapers, these publishing companies can still exist side-by-side with "the new media" and maybe even profit from what Toffler has called the "the Third Wave."

Although one might want to lump these technologies together as "the new media," one must be careful about stretching the point. Patten says, for example, that "the new media tend to have a local rather than regional market presence compared to the broadcast media." There is an inherent flaw in his reasoning. Cable television is already defined (by the author) as a "new medium." The premium channels on typical cable services (Home Box Office, Showtime, The Movie Channel, The Playboy Channel, The Disney Channel, Home Team Sports, Festival, etc.) are all entertainment-oriented, not information-oriented. Despite cable-produced news documentaries, the vast majority of scheduled programming is fundamentally entertainment in nature. Virtually all cable-premium channels

(and most non-local "basic" and "deluxe basic" channels, such as Nickelodeon, C-SPAN, the Weather Channel, and the super-stations) are national in scope and availability.

In addressing computer-based media, Patten says that "while they may have a local presence, they may be controlled from a central location hundreds or thousands of miles distant." This is very true if you are speaking of online databases loaded on central mainframes (the Inspec database is produced in London and made available on a computer in California, for example). But a big element of microcomputer use is electronic mail, which can be highly localized and, even more obviously, local electronic bulletin boards which are made available by hobbyists.

The author does present a few examples of newspapers moving to take advantage of the profit potential of participation in "new media" opportunities; the Viewtron experiment sponsored by the Knight-Ridder newspaper chain in Florida is one of these. However, the attention paid to other forms of "new media" as the author defines them (such as cellular telephone technology) is all but non-existent.

The volume, in the frank opinion of this reviewer, seems unclear in its focus. It lacks the depth to be seriously considered authoritative as a historical review of "new media." It has a decidedly non-technical slant, probably due to the author's apparent reliance on pop technosociologists such as John Naisbitt ("Megatrends") and Alvin Toffler ("Future Shock," "The Third Wave") and general business and news periodicals as information sources.

A question that appears unaddressed relates to the intended audience: if for newspaper publishers, the book contains little specific information on how to make big money from cable television (a topic about which it seems concerned). College students majoring in journalism or communication may find it a point of departure for study on more specialized topics.

For the information and insight, however, "Newspapers and New Media" is over-priced and under-researched. It is plagued with generalizations unfounded by fact or logic. Even unabashed "high-tech hyping" deserves more thoughtful treatment.

Robert F. Jack
Manager, Technology Utilization
Database Systems
NASA STI Facility

Space Station Friendship by Dick Lattimer, Stackpole Books, 239 pp., 1988, \$14.95.

Welcome aboard the Space Station Friendship. The year is 2007 and we are orbiting at an altitude of 250 miles above Earth's surface in a man-made structure which has been in orbit for ten years. The space station will be our habitat for the next thirty days.

This is the scenario facing three young astronauts who have arrived at the space station after leaving Earth in a space shuttle. Through the learning processes of the new astronauts and the briefings presented by the more experienced personnel of the space station, the author provides a factual account of the purpose, function, and accomplishments of this reach into space.

The three rookie astronauts represent different ethnicities. Long before they had been assigned to this tour of duty aboard Friendship, the three had been watched and finally selected to be part of a long-range heterogeneity study for NASA's Human Factors Office. The purpose of the study was to determine the effects of ethnic background, age, gender, and several other factors on very long space flights. By studying various groupings on these tours, NASA was building up a profile of an optimum crew composition for multi-year deep-space flights. How mixed groups respond to privacy invasion, crowding, and isolation will determine the factors needed to maintain performance and morale. The new astronauts are doctoral candidates and the thirty days spent on the space station would do much to advance the practical portion of their theses.

The various modules comprising the space station which are dedicated to specific investigations such as life sciences, agriculture, electrophoresis, materials processing, astronomical observations, earth surveys, and pharmaceutical preparation are explained. The advantages of reduced gravity are discussed in terms of production rate, economics, purity, size, and other factors. Other modules are set aside for sleeping, recreation, personal hygiene, and meal preparation. The importance of the exercise area and the need for regular exercising to overcome the debilitating effects of reduced gravity are thoroughly explained.

External to the space station are free-flying platforms connected by tethers in which experiments are carried out which do not require human control. This makes more room availa-

ble inside the space station and increases the scope of activity. Space tugs are used to visit the platforms and for other purposes such as placing satellites in orbit, capturing satellites, and performing maintenance in space. The need for manned space flight to perform these functions is well substantiated.

The importance of the space station as a staging point for lunar exploration, Martian landings, and deep space explorations is postulated. Strong reference is made to the international aspect of space operations in which European and Japanese astronauts conduct experiments aboard Friendship while the Russians operate their own space station. International cooperation is further enhanced by a communications network which provides an interchange of information between the major nations and the space stations in real time.

The author has made a strong case for developing and operating a manned space station. Even though the overall presentation is hypothetical, the projection is consistent with the plans of NASA for the configuration of the space station and the functions which are anticipated. The book contains pictures of past space developments and concepts which are still on the drawing board.

Phil French
NASA STI Facility
RHS Associates

Using Computers: Human Factors in Information Systems by Raymond S. Nickerson, MIT Press, Cambridge, MA, 1986, 434 pp., \$12.50.

As a survey of the wide ranging field of human/computer interactions, *Using Computers* is probably about the best an author could hope to achieve. Unfortunately, given the nature of the subject, that's not very good. Computers, as a field of study, are inherently technical, yet any attempt to reach a general readership requires a non-technical exposition. The conflict of these two factors puts the author between a rock and a hard place and his readers with him. The result is a genuinely interesting book which leaves one unsatisfied.

As a book about "Human Factors," *Using Computers* is simply weak. Much of the fault lies with the nature of the research to date, and Mr. Nickerson has made clear the difficulties of performing experiments in this area. Still, a book full of discussion of weak research, even if it is state of the art, is still a weak book.

An additional problem for the author lies in the speed of change of the computer industry. In spite of Mr. Nickerson's impressive erudition in the computer field (the book contains over 50 pages of references) *Using Computers* is simply out of date. Some examples: videodisk technology is discussed but not CD-ROM, "C" is omitted from a list of frequently used programming languages, and statistical packages for mainframes are mentioned but not SAS. In the time it takes to write and publish a book, changes in the computer industry have turned many a "can't miss" technology into a has-been.

Notwithstanding these criticisms, the book does have enlightening moments. The author's explanation of the light pen was very informative, and an insightful glance into the future considers the values and dangers of a computer system which would continuously keep track of the location of every individual in the United States. Mr. Nickerson also does an exemplary job of keeping a lid on expectations for new technologies such as speech recognition.

All in all, I enjoyed reading this book and am glad to have it as a reference to the variety of technologies it covers. But for the real scoop on what's what and who's who, I'd be better off reading the latest issue of a computer magazine. Books, as a medium of information exchange about the computer industry, are fast becoming obsolete.

Timothy Badonsky
NASA STI Facility
RMS Associates

Contributors Wanted

The Special Libraries Association is looking for individuals interested in contributing to *Special Libraries* and/or *Specialist*. If you would like to review books or referee manuscripts for our quarterly technical journal or submit short articles for our monthly newsletter, please send a copy of your resume, along with a writing sample, to: Elaine Hill, Editor, *Special Libraries*, Special Libraries Association, 1700 Eighteenth Street, NW, Washington, DC 20009. Be sure to specify your area of interest, as well as your field(s) of expertise. Although we cannot pay our contributors, reviewers receive a complimentary copy of any book they agree to review, and all contributors receive complimentary copies of the issue in which their contribution appears.

Non-Bibliographic Scientific and Technical Databases — Denver 88

The program on "Non-Bibliographic Scientific and Technical Databases" at the 1988 Denver Annual Conference is being jointly sponsored by the Chemistry, Physics-Astronomy-Mathematics and Metals/Materials Divisions. The session speakers are Jim Ashling, INSPEC, who will speak on INSPEC's Electronic Materials Information System (EMIS); Gil Kaufman, National Materials Property Data Network, speaking on the recent agreement between the American Chemical Society and the MPD Network; and John Rumble, NBS, who will speak on the NBS Scientific and Technical Databases. The session will be moderated by Ferne Allen, Sandia National Laboratories. The sessions on this subject were well-attended at the 1987 Annual Conference. Since computerized access to properties in the scientific and technical databases is not in general use by special librarians, some background readings have been selected for optimum understanding of the session.

Many articles are now being published on this subject; of these, the following have been selected

for ease of obtainability and scope of coverage.

1. Herndon, Peter, "Numeric Data Bases" in *Encyclopedia of Library and Information Science*. Vol. 40, Supp. 5, pp. 339-354. Dekker, New York. 1986.
2. Booker, M. K. "Computerized Materials Databases". *Encyclopedia of Materials Science and Engineering*. 2:796-800, Oxford, Pergamon, 1986.
3. Chen, C. and Herndon, P., eds. *Numeric Databases*. Ablex, Norwood, NJ. 1984.
4. Ash, Janet E., et al., *Communication, Storage and Retrieval of Chemical Information*. Chap. 4. "Databanks". Halsted Pr. 1985.
5. Army, Linda Ray, *The Search for Data in the Physical and Chemical Sciences*. Special Libraries, 1984.
6. Kaufman, J. G., "Towards Standards for Computerized Material Property Data and Intelligent Knowledge Systems", *ASTM Standardization News*, March 1987, pp. 38-43.
7. Rumble, John, et al., "Scientific and Technical Factual Databases for Energy Research and Development." Oct., 1986. DOE/TC/40017-1 (DE87001518).

Ferne Allen
Sandia National Laboratories

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